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# ***INFRASTRUCTURE STATUS/ TARGETING OPERATING SYSTEMS***

**25 MAY 99**

**Cliff Liggins**

**497IG/INDIT**

**Bolling AFB, WASH DC**

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## OVERVIEW



- Client Server Environment-System Services(CSE-SS)
- Defense Information Infrastructure - Common Operating Environment (DII COE)
- Targeting Operating Systems (TOS)

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*CSE-SS*



- CSE-SS Maintenance Patch Release
- CSE-SS Full Maintenance Release
- For Your Information (FYI)

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## *CSE-SS Maintenance Patch*



- Problem Reports Resolved with this Patch
  - Auditing Caveats
  - Password Aging for Solaris NIS
  - Netscape Printing
  - NT Printing
  - Host/Ethers Support

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## *CSE-SS Maintenance Patch*



- Schedule
  - IPAT Completed April 14
  - Final Delivery April 15
  - Government Comments April 22
  - Test Findings April 30
  - Delivery May 5
  - Delivery of Tapes/CDs May/June

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## *CSE-SS Full Maintenance*



- Selected Problem Reports (TBD), from the list below, will be resolved in this release (Patch PRs will be “rolled-over” into the Full release)
- X-Autolock-XServer Denied from Network Appliance
  - Administration Palette Access
  - Dynamic patch Updates
  - Need Ability for Rapid User Lockout Clearing
  - Assign Password Integration with User Maintenance
  - User and Group Maintenance Tools should provide warning when nearing max groups

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## *CSE-SS* *Full Maintenance*



- Host Maintenance - Addition of client Credentials
- Credential Options and Credential cleanup
- Host and User Credential Management
- Password Aging for Solaris NIS
- XDM Modifications for Large Groups
- Transition Tool Flexibility
- Netscape Printing
- Host Maintenance: Use of ethernet defaults does not like trailing colon

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## *CSE-SS Full Maintenance*



- Print Utility does not audit caveat changes
- Print Utility on Solaris 2.5.1 does not print to NT Print Servers
- YP Compatibility Mode with CSE-SS
- Restricted CDE User Session
- Remote ISSO “Map in use” dialog boxes
- Mail Alias listings not preserved
- Sun implementation of password.adjunct for NIS is causing numerous failures of CSE-Ss functionality

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## *CSE-SS* *Full Maintenance*



- CLASS C2 Audit downloads incomplete
- Full Jumpstart integration
- Automated Installation for Solaris sites without Ethernet access
- Automated Installation for NT 4.0
- Selective Installation
- CLASS Improvements
- Port to Solaris 7
- Double Upgrade

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## *CSE-SS* *Full Maintenance*



- Password Aging Interfaces
- Automounted Home Directory full support
- CSE\_Maps fixes
- Modify Login warning
- Installation clean-up
- RDIST Utility file selection lister closes RDIST
- Full NIS+ subdomain support
- Support for International paper sizes
- Autolock waits for Home Directory access

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# *CSE-SS Full Maintenance*



- Schedule
  - Baseline Code 4 Jun
  - Preparation for IPAT 4 Jun - Jul 9
  - Document Draft Deliveries 18 Jun
  - Test Readiness Review/IPAT 12 - 16 Jul
  - Government DRR responses 16 Jul
  - Preparation for Beta I 19 Jul - 13 Aug
  - BETA I 16-20 Aug
  - Preparation for BETA II 23 Aug - 3 Sep

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# *CSE-SS* *Full Maintenance*



- BETA II 6 - 10 Sep
- Document Master Deliveries 10 Sep
- Final Delivery 24 Sep
- Release Verification 27-30 Sep
- CD Production/Delivery 1 - 22 Oct

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## *CSE-SS For Your Information*



- CSE-SS Helpdesk
  - Commercial - (402) 291-8300 ask for CSE-SS Hlpdsk
  - DSN 271-1110 ask for Speed Dial 34 (Direct line to Sterling Facility) then ask for CSE-SS Hlpdsk
- CSE-SS Webpage
  - URL: <http://www.if.afrl.af.mil/programs/cse/>
    - Program Points of contact
    - CSE-SS Software Versions and Supported OS(s)
    - Security Certification Message

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# *CSE-SS* *For Your Information*



- Download Area
  - CSE-SS Documentation
  - Release Notes
- List of Problem Reports
- Y2K Versions including test documentation
- Did You Know (Technical “How to”)
- Frequently Asked Questions from Helpdesk Calls, etc

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## *CSE-SS Points of Contact*



Program Oversight  
Capt Anthony Willis  
497th Intelligence Group/INDIT  
Bolling AFB, Wash DC  
Commercial - 202-404-8736/8737; DSN 754

Program Manager  
Capt Paul Benda  
Air Force Research Laboratory/IFEB  
Rome, NY  
Commercial - 315-330-7658; DSN 587

Developer  
Dave Carlson  
Sterling Software  
Bellevue, NE  
Commercial - 402-291-8300  
DSN 271-1110, Speed Dial 34

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*DII COE*



- Who Mandates it?
- Who is responsible for development and O&M?
- What is the timeline?
- What are the efforts to date?

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# *DII COE*

## *Who mandates it?*



- OASD memorandum 23 May 1997
- Defense Planning Guidance 1997 - 2000
- JTA
- DMB (DoDIIS Instructions)

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- DISA is responsible for COE development/segmentation
- 497th is responsible for DoDIIS COE integration, testing, and deployment
- Sites are responsible for site-unique segmentation

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## *DII COE*

### *What is the timeline?*



- Goal of DoDIIS is full implementation by June 2001
  - Sep 99 - SCI Certified DoDIIS DII COE (v3.4)
  - Oct 99 - Begin Fielding (v3.4)
  - Jul 00 - SCI Certified DoDIIS DII COE (v4.1)
  - Oct 00 - Begin Fielding (v4.1)
  - Jun 01 - Full DoDIIS DII COE Implementation

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## *DII COE*

### *What the efforts to date?*



- Sep 97 - Security Assessment for DII COE v3.2
- Jul 98 - Security Assessment for DII COE v3.3
- Dec 98 - DoDIIS ERB tasks 497th to produce a DoDIIS SCI Accreditable DII COE
  - To be accomplished via integration of DII COE, COTS, and GOTS
  - DoDIIS ERB directs 497th to utilize current CSE-SS sustainment and maintenance funds until additional funding becomes available

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## *DII COE - What are the efforts to date?*



- CSE-SS contract is restructured
- Developer begins integration effort
- 497th submits integration funding requirements for COTS products
- DoDIIS ERB/497th convene several meeting to discuss funding issue and receipt of COTS products
- Integration effort can not proceed without COTS products and developer training on these products

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## *DII COE - What are the efforts to date?*



- Mar 99 - A work stop order is issued to the developer due to lack of funding and non-receipt of COTS products
- May 99 - 497th is in a day for day slip of the DoDIIS SCI DII COE Integration Effort pending funding and guidance from the DoDIIS ERB
- May 99 - The DoDIIS community is also on-hold pending guidance from the DoDIIS ERB and DMB

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*TOS*



- DoDIIS Maintained TOS
- Unsupported TOS concerns

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# *TOS* *DoDIIS Maintained*



- DoDIIS Instructions cites
  - Windows NT
  - Sun Solaris

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# *TOS* *Unsupported Concerns*



- CSE-SS currently supports
  - Sun Solaris v2.6 and later
  - Digital Unix 4.0D and later
- CSE-SS future supported OS
  - Sun Solaris
  - Windows NT

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# *TOS* *Unsupported Concerns*



- User Concerns
  - USSOUTHCOM, DAMII, and AETC still have a requirement for Digital Unix support
  - Immediate migration is financially impossible
  - No support will cause serious mission degradation or mission collapse
  - JCMT requirement for Solaris 7 support
    - Do other programs and/or users have this requirement

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# *TOS* *Unsupported Concerns*



- Please send your requirements in message form to the following plain language addresses (PLA) with an information copy to the 497 IG and AFRL:
  - DIA WASHINGTON DC//DS-IM2// (ACTION)
  - HQ 497 IG BOLLING AFB DC//IND/INDI// (INFO)
  - AFRL ROME NY//IFEB// (INFO)

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## *CONTACT INFO*



Cliff Liggins

497 IG/INDIT

Bolling AFB DC

202-404-8736/8736; DSN 754

[liggincr@emh-497ig.bolling.af.mil](mailto:liggincr@emh-497ig.bolling.af.mil)

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